

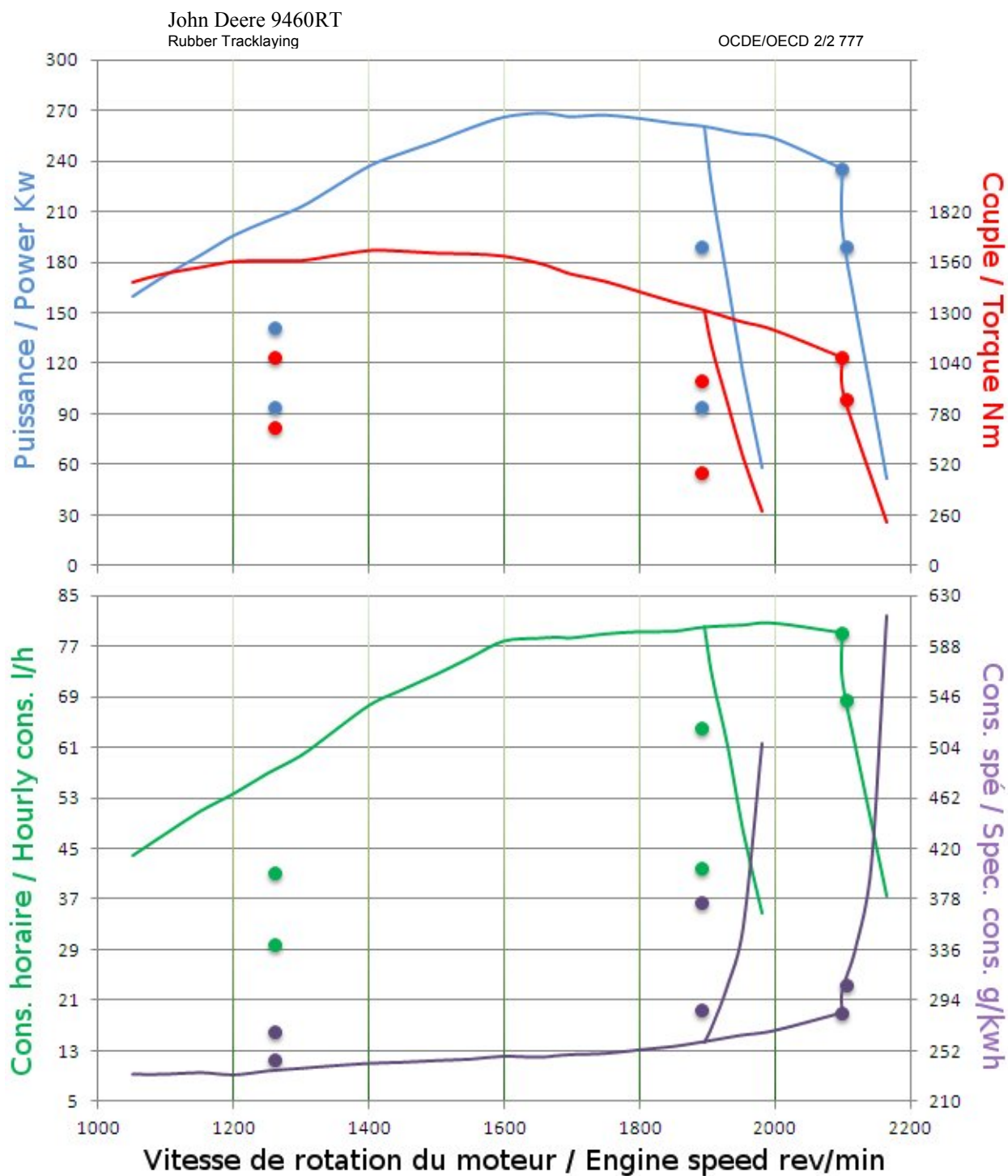


OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 777
31/07/2013
John Deere
9460RT

Rubber Tracklaying
Full PowerShift - 40 km/h
John Deere Tractor Works
Nebraska Tractor Test Laboratory
Lincoln, Nebraska U.S.A.



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6135RW401
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	13548 cm ³	Liquid
<i>Gear box</i>		Full PowerShift
<i>Number of forward and reverse speeds</i>	18	6
<i>Speed at rated engine speed</i>	from 4,02	to 39,61 km/h
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>		1108 min ⁻¹
<i>Diameter of the shaft</i>	Not	45 mm
<i>Number of splines</i>	Applicable	20

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	268,30 kW	1650 min ⁻¹	871 min ⁻¹
<i>Hourly and specific consumption</i>		78,24 l/h	246 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	235,67 kW	2099 min ⁻¹	1108 min ⁻¹
<i>Hourly and specific consumption</i>		79,12 l/h	284 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	260,47 kW	1895 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		79,99 l/h	259 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	1616,9 Nm		1402 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<i>Test with tractor</i>	unballasted	ballasted
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Total Mass

21253 kg

Maximum drawbar pull

215,04 kN

at speed of

3,59 km/h

Maximum power

300,23 kW

at speed of

11,89 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

<i>At maximum hydraulic power</i>			Closed centre
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Flow rate, Pressure, Power (couplers: 1 pair)

	122,1 l/min	16,45 MPa	33,5 kW
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Flow rate, Pressure, Power (couplers: 2 pairs or +)

	120,5 l/min	19,11 MPa	38,4 kW
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Maximum lifting force

<i>at the hitch points, at frame</i>	75,2 kN	60,9 kN
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